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By: Winsome A. St. Rose  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Russell Gene Higuchi, et al.

SERIAL NO.: 10/552,641

FILED: OCTOBER 7, 2005

FOR: ASSOCIATIONS OF POLYMORPHISMS  
IN THE FRZB GENE WITH OBESITY  
AND OSTEOPOROSIS

)

) EXAMINER:

) ART UNIT: 1645

) Confirmation No. 1928

) DOCKET NO: 21634-US2

INFORMATION DISCLOSURE STATEMENT

Mail Stop Disclosure,  
Commissioner for Patents  
P.O. Box 1450  
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Sir:

Applicant submits herewith a Form-1449, in compliance with the duty of disclosure requirements of 37 C.F.R. §1.56, 1.97 and 1.98, listing accompanying documents that may be considered material to the examination of this application. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits, whichever event occurs last. No certification or fee is therefore required under 37 C.F.R. § 1.97(b). However, should the Commissioner determine that fees are due in order for the Information Disclosure Statement to be considered at this stage, the Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to Deposit Account No. 50-0812.

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested.

Respectfully submitted,

Date: 1/29/07



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Substitute for Form 1449/PTO				<i>Complete if known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>PTO-1449</b>				Application Number	10/552,641
				Filing Date	October 7, 2005
				First Named Inventor	Russell Gene Higuchi
				Group Art Unit	1645
				Examiner Name	Unassigned
				Attorney Docket No.	21634-US2
Sheet	of		Date Submitted	Feb 2, 2007	

*FEB 07 2007*

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, lines Where relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
1		6,479,242	B1	Guo, et al.	11-12-02	
2		US 2002/0182616	A1	Wuhlestedt, et al.	12-05-02	
3		US 2002/0182622	A1	Nakamura, et al.	12-05-02	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, lines Where relevant Passages or Relevant Figures Appear	T
		Country Code	Number	Kind Code				
4	WO	02/083839		A2	MOTOROLA, INC	10-24-02		

## OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the items (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	5	ACUÑA, G., et al., (2002), "Pharmacogenetic analysis of adverse drug effect reveals genetic variant for susceptibility to liver toxicity", <i>The Pharmacogenomics Journal</i> , 2: 227-234	
	6	GERMER, S., et al., (2000), "High-Throughput SNP Allele-Frequency Determination in Pooled DNA Samples by Kinetic PCR", <i>Genomic Research</i> , 10: 258-266	
	7	LEYNS, L., et al., (1997), "FRZB-1 is a secreted antagonist of Wnt Signaling Expressed in the Spemann Organizer", <i>Cell</i> , 88: 747-756	
	8	SCHUMANN, H., et al., (2000), "Expression of secreted frizzled related proteins 3 and 4 in human ventricular myocardium correlates with apoptosis related gene expression", <i>Cardiovascular Research</i> 45: 720-728	

Examiner's Signature		Date Considered	
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.